Fig. 1

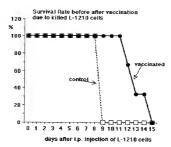


Fig. 2

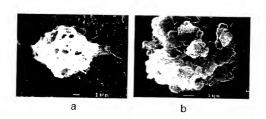


Fig. 3



Fig. 4

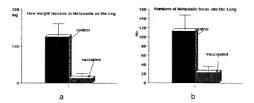


Fig. 5

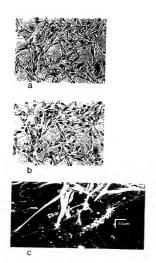


Fig. 6



Fig. 7



Fig. 8



Fig. 9



control



Fig. 10



Fig. 11

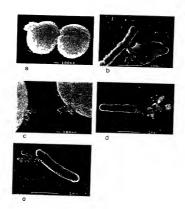


Fig. 12



## Fig. 13

complex materials treated serum

control

